



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for UDAMSINGH-NAGAR
District
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2024-10-25

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2024-10-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-10-26	2024-10-27	2024-10-28	2024-10-29	2024-10-30
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.0	34.0	34.0	35.0	35.0
Tmin(°C)	18.0	18.0	18.0	19.0	19.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	4	4	4	4	4
Wind Direction(Degree)	110	140	140	140	140
Cloud Cover(Octa)	1	1	0	0	1

Weather Summary/Alert:

Last week (18th to 24th October) the region did not receive any rainfall and maximum-minimum temperatures ranged from 30.5 to 33.1oC and 16.8 to 20.3oC respectively. The morning and evening relative humidity ranged between 71-90% and 38-65% respectively while the wind was blowing from south-west-south, north, east and north-west at a speed of 1.4-3.1 kmph. Most of the days were clear last week. As per the upcoming forecast, there will be no rainfall between 25-29th October and maximum-minimum temperatures are expected to be 34.0-35.0oC and 18.0-19.0oC respectively. The wind is expected to blow from east-southeast and south-east-south at a speed of 4 kmph. Dry weather likely to prevail from 25 to 29 October.

General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.35-0.60. The extended range forecast shows large deficient rainfall and above normal maximum-minimum temperature trend during 25.10.2024 to 31.10.2024.

SMS Advisory:

As per IMD, clear weather has been predicted so the harvested produce should be properly dried and stored well.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	The rice grains should be threshed and stored properly.
SUGARCANE	Provide proper storage to harvested canes and autumn sowing should be completed.
SESAME (GINGELLY/TIL)	The crop should be harvested till the month end and the seeds should be separated after threshing.

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Rhizobium and PSB treated chickpea varieties should be sown. Chickpea variety and seed rate: Pusa-372, Pusa 329, Pusa-362, Pusa-391, Pank Kabuli Chana 1, etc. at the rate of 60-80 kg/ha.
LENTIL	Rhizobium and PSB treated lentil varieties should be sown. Lentil varieties and seed rate: JL 1, Pant lentil-4, Narendra Masoor-1, Pant lentil-7, Pant lentil-6, Pant lentil-8, Shekhar Masoor 3, etc. at the rate of 80-100 kg/ha.
FIELD PEA	Rhizobium and PSB treated field pea varieties should be sown. Field pea varieties: DMR-7 (Alankar), DDR-23 (Pusa Prabhat), DDR-27 (Pusa Panna), Pant Pea-25, Pantn Pea -42, etc at the rate of 80-100 kg/ha.
RAPESEED	The sowing of rapeseed can be done at a depth of 4-5 cm and at a line to line distance of 45 cm.
MUSTARD	The sowing of mustard can be done at a depth of 3-4 cm @4-5 kg/ha and at a line to line distance of 30 cm.
WHEAT	Treated seeds of wheat can be used for sowing.
BARSEEM	Rhizobium treated seeds of high fodder production varieties like UPB-110, maskavi, pusa jayant, bardaan should be used for sowing.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
RADISH	Sowing of radish varieties as Japanese White, Hill Queen and Pusa Mridula should be done. Seed treatment should be done with Captan at the rate of 2g/kg seeds.
CARROT	Sowing of carrot varieties as Pusa Rudhira, Pusa Kesar should be done. Seed treatment should be done with Captan at the rate of 2g/kg seeds.
SPINACH	Sowing of palak varieties as Palak Green, Pusa Bharti should be done.
FENUGREEK	Sowing of methi varieties as Pusa Kasuri should be done.
CORIANDER	Sowing of coriander varieties as Pant Haritima should be done.
KNOL KHOL	Treated seeds of knol khol varieties as White Vienna, Purple Vienna should be done.
POTATO	Sowing of potato can be taken up in this month such as Kufri Badshah, Kufri Jyoti, Kufri Alankar, Kufri Chandramukhi, etc.
CUCUMBER	The cucurbitaceous crop should be harvested for sale and regular checks for white fly should be done.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	The animals should be protected against the spread of lumpy skin disease and should be vaccinated against it.
COW	The animals should be protected against the spread of lumpy skin disease and should be vaccinated against it.